



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
10.04.2002 Bulletin 2002/15

(51) Int Cl.7: **B60P 1/00**, B60P 3/14,
B60P 3/24

(43) Date of publication A2:
25.07.2001 Bulletin 2001/30

(21) Application number: **01650007.6**

(22) Date of filing: **17.01.2001**

(84) Designated Contracting States:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE TR
Designated Extension States:
AL LT LV MK RO SI

(72) Inventor: **Reynolds, Joseph**
Dublin 1 (IE)

(74) Representative: **Lane, Cathal Michael et al**
c/o Tomkins & Co.
5 Dartmouth Road
Dublin 6 (IE)

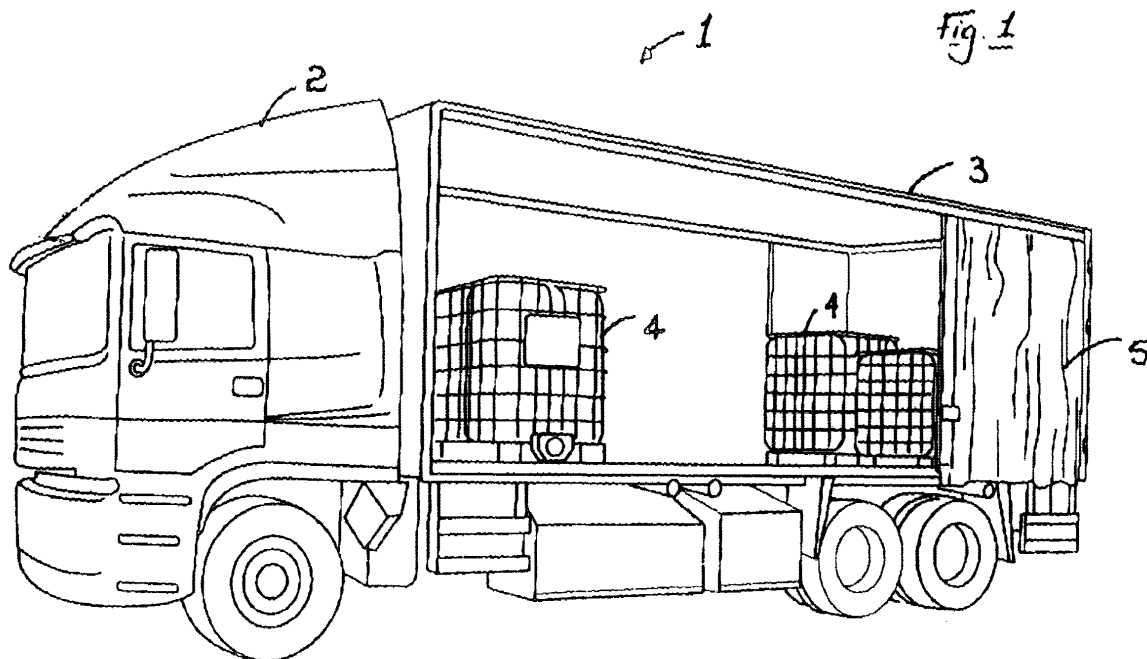
(30) Priority: **18.01.2000 IE 000039**

(71) Applicant: **Reynolds, Joseph**
Dublin 1 (IE)

(54) **A delivery vehicle**

(57) The vehicle (1) has a trailer unit (3) for receiving intermediate bulk carrier (IBC) compartments (4) an integrated liquid recovery system, an IBC mounting system and an evacuation system with tapping points along

either side of the vehicle (1). Wasted journeys are minimised by optimising the shape and size of IBC for a given delivery and load balancing enhances vehicle stability. The cost and environmental impact of accidental damage is also reduced.





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 01 65 0007

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	DE 19 25 098 U (DEUTSHE FINA)	1-7,13, 15,16	B60P1/00 B60P3/14 B60P3/24
A	* page 6, line 12 - page 8, line 8 * * page 12, line 8 - page 13, line 4; figures * ---	4,8,9,14	
X	DE 40 14 060 A (DIEHL) 7 November 1991 (1991-11-07) * the whole document * ---	1,2,7, 15,16	
X	US 2 498 229 A (ADLER) 21 February 1950 (1950-02-21)	1-6,15, 16	
A	* column 1, line 52 - column 2, line 13 * * column 2, line 45 - column 3, line 15 * * column 3, line 71 - line 75; figures * ---	14	
X	CH 548 326 A (STECK) 30 April 1974 (1974-04-30) * column 1, line 1 - column 2, line 42; figures * ---	1-3,7, 15,16	
A	CH 543 430 A (STECK) 31 October 1973 (1973-10-31) * column 1, line 41 - column 2, line 26; figures * ---	1,7,12	TECHNICAL FIELDS SEARCHED (Int.Cl.7) B60P
A	US 5 349 980 A (SPIEGEL) 27 September 1994 (1994-09-27) * column 6, line 50 - column 7, line 10 * * column 8, line 48 - line 54; figures * ---	1,7,12	
A	US 5 893 398 A (GARRETT, JR.) 13 April 1999 (1999-04-13) -----		
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 12 February 2002	Examiner Nordlund, J
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

EPO FORM 1503 03/82 (P04001)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 65 0007

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

12-02-2002

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 1925098	U		NONE	
DE 4014060	A	07-11-1991	DE 4014060 A1	07-11-1991
			FR 2661663 A1	08-11-1991
US 2498229	A	21-02-1950	NONE	
CH 548326	A	30-04-1974	NONE	
CH 543430	A	31-10-1973	NONE	
US 5349980	A	27-09-1994	NONE	
US 5893398	A	13-04-1999	NONE	